

IN THE UNITED STATE PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**POWER OF ATTORNEY (REVOCATION OF PRIOR POWERS)
AND PROSECUTION BY ASSIGNEE UNDER 37 C.F.R. § 3.71**

Sir:

Oracle International Corporation, the assignee of the entire right, title and interest of patent applications listed below, under 37 C.F.R. § 3.71 hereby revokes all powers of attorneys previously given in the below-identified patent applications and hereby appoints all attorneys associated with:

Customer Number

55498

With full powers of substitution and revocation, to prosecute these applications and transact all matters in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any International patent application(s) corresponding to the below-identified applications, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

Correspondence Address

Please change the correspondence address for the below-identified patent applications to the customer number 55498, and direct all written communications relative to such applications to:

Peter C. Mei
Vista IP Law Group LLP
1885 Lundy Avenue, Suite 108
San Jose, CA 95131

Please direct all telephone communications to Peter C. Mei at (408)321-8663 ext. 208

Patent Application

SERIAL NO.	REEL/FRAME NO.
08/855,544	008614 / 0677; 008902 / 0108; 014990 / 0524
08/887,963	008625 / 0103; 014990 / 0524
08/891,301	008686 / 0687; 013797 / 0613
08/962,029	009155 / 0058; 014990 / 0524
08/962,533	009106 / 0886; 014990 / 0524
08/962,538	009108 / 0825; 014990 / 0524
09/094,214	009246 / 0924; 014990 / 0524
09/098,632	009265 / 0018; 014990 / 0524
09/103,515	009471 / 0373; 014990 / 0524
09/156,344	009579 / 0365; 014990 / 0524
09/177,916	009542 / 0326; 014990 / 0524
09/178,387	009536 / 0300; 013797 / 0613
09/206,778	009895 / 0907; 013797 / 0613
09/207,160	009892 / 0083; 009892 / 0116; 013797 / 0613
09/223,660	009855 / 0905; 013797 / 0613
09/231,150	009723 / 0260; 014990 / 0524
09/265,489	009823 / 0374; 013797 / 0613
09/272,627	009837 / 0736; 014990 / 0524
09/272,691	009860 / 0434; 009860 / 0470; 009860 / 0475
09/275,896	009851 / 0825; 014990 / 0524
09/303,815	010042 / 0903; 013797 / 0613
09/314,457	014990 / 0524
09/322,253	013412 / 0558; 014990 / 0524
09/342,312	010074 / 0629; 013797 / 0613
09/429,265	010533 / 0637; 013797 / 0613
09/476,141	010675 / 0323; 013797 / 0613
09/477,023	010729 / 0781; 013797 / 0613
09/481,743	014990 / 0524
09/515,674	010904 / 0402; 013797 / 0613
09/515,680	010596 / 0741; 013797 / 0613
09/524,628	010885 / 0880; 013797 / 0613
09/569,935	014990 / 0524
09/592,211	011155 / 0247; 013797 / 0613
09/614,427	010938 / 0823; 013797 / 0613
09/770,358	011488 / 0044; 013797 / 0613
09/773,963	011516 / 0048; 013797 / 0613
09/775,085	011515 / 0023; 013797 / 0613
09/775,234	011529 / 0490; 013797 / 0613
09/778,235	013797 / 0613
09/792,484	011593 / 0979; 013797 / 0613
09/795,904	011579 / 0087; 013797 / 0613
09/796,001	011578 / 0384; 013797 / 0613

09/872,407	011876 / 0105; 013198 / 0675; 013797 / 0613
09/872,565	011876 / 0436; 013797 / 0613
09/872,588	011863 / 0632; 013797 / 0613
09/872,589	011863 / 0646; 013797 / 0613
09/872,590	011863 / 0637; 013797 / 0613
09/872,647	011879 / 0090; 013797 / 0613
09/872,670	011876 / 0051; 013797 / 0613
09/872,887	012235 / 0815; 013797 / 0613
09/872,891	012535 / 0220; 013797 / 0613
09/873,130	012108 / 0062; 013797 / 0613
09/873,131	012107 / 0985; 012419 / 0001; 013797 / 0613
09/938,982	012429 / 0007; 013797 / 0613
09/938,999	012117 / 0678; 013797 / 0613
09/939,311	012680 / 0753; 013797 / 0613
09/953,490	012179 / 0918; 013797 / 0613
09/967,068	012228 / 0733; 013797 / 0613
09/967,441	012225 / 0403; 013797 / 0613
09/967,458	012228 / 0033; 013797 / 0613
09/967,459	012225 / 0459; 013797 / 0613
09/974,085	012249 / 0012; 013797 / 0613
10/008,347	013797 / 0613
10/040,031	012733 / 0619; 013797 / 0613
10/056,981	013797 / 0613
10/071,260	013015 / 0768; 013797 / 0613
10/082,939	012662 / 0856; 013797 / 0613
10/082,941	012662 / 0904; 013797 / 0613
10/084,880	012662 / 0924; 013797 / 0613
10/084,881	012662 / 0928; 013797 / 0613
10/086,103	012672 / 0768; 013797 / 0613
10/096,008	013797 / 0613
10/124,310	013797 / 0613
10/133,612	013797 / 0613
10/137,102	012860 / 0980; 013797 / 0613
10/137,235	012863 / 0710; 013797 / 0613
10/139,864	012874 / 0219; 013797 / 0613
10/141,485	013402 / 0052; 013797 / 0613
10/144,083	012907 / 0278; 013797 / 0613
10/144,246	013431 / 0652; 013797 / 0613
10/144,330	012909 / 0721; 013797 / 0613
10/144,665	013418 / 0763; 013797 / 0613
10/144,666	013406 / 0836; 013797 / 0613
10/144,668	013424 / 0943; 013797 / 0613
10/144,680	013432 / 0534; 013797 / 0613
10/144,681	013416 / 0854; 013797 / 0613
10/144,688	013434 / 0775; 013797 / 0613
10/144,689	013424 / 0957; 013797 / 0613

10/152,972	013434 / 0198; 013797 / 0613
10/155,276	012941 / 0722; 013797 / 0613
10/159,360	012965 / 0549; 013797 / 0613
10/201,710	013142 / 0673; 013797 / 0613
10/208,120	013155 / 0928; 013797 / 0613
10/208,129	013154 / 0587; 013797 / 0613
10/209,612	013163 / 0910; 013797 / 0613
10/245,602	013308 / 0410; 013797 / 0613
10/246,964	013324 / 0265; 013797 / 0613
10/346,309	013674 / 0715
10/349,254	013695 / 0102
10/364,065	013768 / 0406
10/364,209	013772 / 0658
10/406,880	013950 / 0204; 014023 / 0222
10/426,471	014038 / 0633
10/428,152	014433 / 0384
10/656,097	014490 / 0859
10/656,795	014200 / 0336
10/656,800	014200 / 0354
10/718,823	014740 / 0151
10/727,775	014767 / 0389
10/763,355	014930 / 0355
10/841,377	015319 / 0576
10/844,875	015329 / 0425
10/845,286	015335 / 0268
10/846,099	015342 / 0266
10/846,120	015342 / 0397; 018901 / 0969
10/877,158	015523 / 0665
10/879,266	015529 / 0311
10/933,828	015650 / 0582
10/933,832	015634 / 0708
10/934,079	015651 / 0426
10/935,906	015639 / 0629
10/935,908	019578 / 0036
10/936,205	019570 / 0933
10/936,426	015655 / 0535
10/936,427	015655 / 0661
10/936,449	015669 / 0859
10/936,468	015547 / 0277
10/936,469	015644 / 0555
10/936,778	015645 / 0466
10/936,779	015644 / 0930
10/936,781	019571 / 0081
11/060,897	016316 / 0179
11/061,152	016298 / 0440
11/084,497	016401 / 0379

11/090,618	016425 / 0006
11/097,065	016448 / 0770
11/097,422	016452 / 0355
11/097,862	016450 / 0887
11/104,993	016467 / 0221
11/129,617	016571 / 0966
11/129,717	016572 / 0214
11/131,107	016582 / 0555
11/245,359	017080 / 0117
11/247,498	017112 / 0835
11/247,500	017112 / 0849
11/247,972	017202 / 0810
11/247,973	017162 / 0119
11/247,976	017151 / 0390
11/249,149	017151 / 0406; 017151 / 0409
11/249,150	017202 / 0794
11/292,495	017328 / 0042
11/292,804	017332 / 0842
11/292,945	017330 / 0439
11/292,949	017330 / 0496; 017330 / 0504
11/293,021	017330 / 0443
11/450,092	017989 / 0920
11/450,179	017990 / 0836
11/584,144	019422 / 0947
11/584,255	018880 / 0553
11/584,782	020319 / 0650
11/830,590	019836 / 0525
11/830,642	019823 / 0853
11/875,782	020319 / 0650
11/876,679	020355 / 0252
12/048,161	020649 / 0338
12/060,117	020933 / 0895
12/188,443	021867 / 0198
12/188,521	021894 / 0606
12/258,160	021736 / 0414
12/266,736	021802 / 0421
12/266,804	021802 / 0828
12/267,174	021804 / 0407
12/350,212	022073 / 0536
12/350,217	022073 / 0560

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee.

To the best of undersigned's knowledge and belief, title is in the assignee identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee.

Oracle International Corporation

Dated: 11/13/2019

By: Michael Gelblum
Name: